



STATE OF ALASKA
DEPARTMENT OF
COMMERCE
COMMUNITY AND
ECONOMIC DEVELOPMENT

Mike Dunleavy, Governor
Julie Sande, Commissioner
Robert M. Pickett, Chairman

Regulatory Commission of Alaska

February 23, 2022

In reply refer to: Tariff Section
Files: TA394-121, TA516-8
LO#: L2200048

Arthur Miller
Executive Vice President, Regulatory and External Affairs
Chugach Electric Association, Inc.
P.O. Box 196300
Anchorage, AK 99519-6300

Dear Mr. Miller:

Chugach Electric Association, Inc. (Chugach) filed TA394-121 and TA516-8 on January 14, 2022, seeking to increase its net metering capacity from 1.5% to 5.0% of its average retail demand. On February 22, 2022, the Regulatory Commission of Alaska (Commission) granted Chugach's request to increase the total nameplate capacity of eligible net metering customers from 1.5% to 5.0% of its retail demand. In addition, the Commission approved Tariff Sheet Nos. 55, 55.1, 55.2, and 56, filed January 14, 2022, by Chugach with TA394-121 and Tariff Sheet Nos. 89.3, 89.3.2, and 89.3.3, filed January 14, 2022, by Chugach with TA516-8. The effective date of the tariff sheets is February 28, 2022.

Enclosed are validated copies of the approved tariff sheets.

BY DIRECTION OF THE COMMISSION

Sincerely,

REGULATORY COMMISSION OF ALASKA


David Parrish (Feb 23, 2022 09:23 AKST)

David Parrish
Common Carrier Section Manager

Enclosures

RCA No. 1211st RevisionSheet No. 55CancelingOriginalSheet No. 55**RECEIVED****JAN 14 2022**STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

NET METERING SERVICE

D, N

(Applicable to Eligible On-Site Generation Systems 25 kW or Less)

Available on a first-come, first served basis to retail customers that operate and own or lease eligible on-site generation system(s) that are interconnected and operate in parallel with Chugach's distribution facilities. Generation systems shall contain a nameplate capacity of 25 kW or less per customer premises and be used primarily to offset part or all of the consumer's electric energy requirements.

Service under this schedule is available until the cumulative nameplate generating capacity of all retail net metered systems equals 5.0 percent of Chugach's average retail system demand. Chugach may limit net metering installations in portions of its distribution system that are reasonably necessary to address system stability constraints or other operational issues.

Monthly Rates

Electric bills for net metered consumers shall be computed in accordance with the applicable retail service rates contained in this operating tariff, with electric energy (kWh) calculated as follows:

- 1) If Chugach furnished more electric energy to the consumer than the consumer supplied to Chugach during the monthly billing period, Chugach shall bill the consumer for the number of kWh of net electric energy supplied by Chugach to the consumer at the applicable retail rates contained in the operating tariff; or
- 2) If the consumer supplied more electric energy to Chugach than Chugach supplied to the consumer during the monthly billing period, Chugach shall credit the consumer's account with an amount derived by multiplying the kWh of net electric energy supplied by the consumer to Chugach by the non-firm buyback power rate contained on Tariff Sheet No. 103.

Dollar amounts credited to the account of a net metered consumer shall be used to reduce amounts owed by the consumer in subsequent monthly billing periods. Dollar amounts credited do not expire or otherwise revert to Chugach. Unused credits will be paid to the consumer in the event electric service is terminated.

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RCA No. 121

Original

Sheet No. 55.1



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Sheet No. 55.1

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STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

NET METERING SERVICE (CONTINUED)

(Applicable to Eligible On-Site Generation Systems 25 kW or Less)

N

Conditions

- 1) Non-Utility Generator may not commence Parallel Operation of generation facilities without final written approval from Chugach.
- 2) Installation and operation of Non-Utility Generators must be in conformance with Chugach requirements and all applicable federal, state and local safety codes and regulations. At a minimum, interconnections must be consistent with the most current interconnection standards approved by the Commission and with IEEE 1547 standards.
- 3) All customer on-site generation systems interconnected and operating in parallel with Chugach's electric system shall be in compliance with the interconnection and operating guidelines contained in Appendix A to this tariff, "Interconnection and Operating Requirements for Non-Utility Generation up to 5,000 kVA."
- 4) Any customer applying for net metering service shall submit a completed application (Application for Non-Utility Generation: Class A – Net Facilities) contained in Appendix A of Chugach's operating tariff.
- 5) To be eligible for interconnection under a net metering program, a consumer generation system must:
 - a. Include an electric generator and its accompanying equipment package;
 - b. Be physically interconnected to the consumer's side of the meter from which Chugach provides electric service to the consumer;

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RCA No. 121



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Sheet No. 55.2

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REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

NET METERING SERVICE (CONTINUED)

(Applicable to Eligible On-Site Generation Systems 25 kW or Less)

Conditions (Continued)

- c. Generate electric energy from one or more of the following sources:
 - (A) Solar photovoltaic and solar thermal energy;
 - (B) Wind energy;
 - (C) Biomass energy, including landfill gas or biogas produced from organic matter, wastewater, anaerobic digesters, or municipal solid waste;
 - (D) Hydroelectric, geothermal, hydrokinetic energy or ocean thermal energy; and,
 - (E) Other sources as may be approved by the Regulatory Commission of Alaska that generally have similar environmental impacts.
- d. Be operated and either owned or leased by the consumer, and
 - (A) Have a total nameplate capacity of no more than 25 kilowatts per consumer premises;
 - (B) Be located on the consumer premises;
 - (C) Be used primarily to offset part or all of the consumer's requirements for electric energy; and
 - (D) Include an inverter adequate to ensure the generated power is compatible with the Chugach system.
- 6) Chugach reserves the right to refuse net metering service to a customer if interconnection causes the total nameplate capacity of all eligible consumer generation systems participating in net metering to exceed 5.0 percent of Chugach's average retail demand.
- 7) Chugach will not terminate net metering service to any customer in the event Chugach's average retail demand decreases such that the nameplate capacity of existing net metered customers exceeds 5.0 percent of Chugach's average retail demand.

RCA No. 1212nd RevisionSheet No. 56

Canceling

1st RevisionSheet No. 56**RECEIVED****JAN 14 2022**STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

NET METERING SERVICE (CONTINUED)

D, N

(Applicable to Eligible On-Site Generation Systems 25 kW or Less)

Conditions (Continued)

- 8) Chugach may request by tariff advice letter to adjust the limit on total nameplate capacity of eligible consumer generation systems participating in the net metering program above 5.0 percent of the electric utility's average retail demand.
- 9) Chugach reserves the right to limit net metering installations in portions of its distribution system that are reasonably necessary to address system stability constraints or other operational issues. Chugach shall notify the Commission no later than 30 days after refusal to interconnect with a consumer requesting net metering service.
- 10) Chugach may require the installation of additional metering equipment for net metering consumers, including the metering of individual generating facilities. For these installations, Chugach is responsible for all costs related to the purchase, installation, and maintenance of the additional metering equipment and the customer shall not be assessed any recurring charges for the additional metering equipment.
- 11) Chugach expects net metering customers to acquire liability insurance to cover any damages caused to the Chugach system by the consumer generation system, if that coverage is available at a reasonable cost to the consumer.
- 12) Pursuant to 3 AAC 50.910 (d), below is a summary of Chugach's average retail demand, maximum allowed nameplate capacity of eligible net metered generation facilities on the system, and total nameplate capacity of net metered customers:
 - a. Average retail demand (calendar year 2020): 224,507.43 kW
 - b. Maximum allowed net metered nameplate capacity, (5.0 % of (a)): 11,225.37 kW
 - c. System net metered generation capacity: 2,744.41 kW

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RCA No. 81stSheet No. 89.3CancelingOriginalSheet No. 89.3**RECEIVED****JAN 14 2022**STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

NET METERING SERVICE
(Applicable to Eligible On-Site Generation Systems 25 kW or Less)

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- 2) If the consumer supplied more electric energy to Chugach than Chugach supplied to the consumer during the monthly billing period, Chugach shall credit the consumer's account with an amount derived by multiplying the kWh of net electric energy supplied by the consumer to Chugach by the non-firm buyback power rate contained on Tariff Sheet No. 97.

Dollar amounts credited to the account of a net metered consumer shall be used to reduce amounts owed by the consumer in subsequent monthly billing periods. Dollar amounts credited do not expire or otherwise revert to Chugach. Unused credits will be paid to the consumer in the event electric service is terminated.

RCA No. 8

1st

Sheet No. 89.3.2



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Sheet No. 89.3.2

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STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

NET METERING SERVICE (CONTINUED)
(Applicable to Eligible On-Site Generation Systems 25 kW or Less)

Conditions (Continued)

- c. Generate electric energy from one or more of the following sources:
 - (A) Solar photovoltaic and solar thermal energy;
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- d. Be operated and either owned or leased by the consumer, and
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Sheet No. 89.3.3



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Sheet No. 89.3.3

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STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

Chugach Electric Association, Inc.

NET METERING SERVICE (CONTINUED)

(Applicable to Eligible On-Site Generation Systems 25 kW or Less)

Conditions (Continued)

- 8) Chugach may request by tariff advice letter to adjust the limit on total nameplate capacity of eligible consumer generation systems participating in the net metering program above 5.0 percent of the electric utility's average retail demand. C
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